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1944
(July-Dec.)

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

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WEATHER BUREAU

BEIRUT, SYRIA

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JULY 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.9	55.9	56.7	55.8	32.5	22.4	27.3	31.8	25.8	28.3
2	8.0	7.8	8.1	8.0	30.8	23.2	26.0	29.5	24.9	26.8
3	7.9	7.2	6.3	7.1	33.3	22.9	26.7	30.9	25.8	27.8
4	4.8	3.6	3.0	3.8	33.3	22.9	27.7	32.2	26.2	28.7
5	2.8	3.5	3.6	3.3	22.8	24.6	27.5	31.8	26.6	28.6
6	53.2	53.0	53.1	53.1	32.5	24.5	27.9	31.7	26.2	28.6
7	3.7	3.7	4.1	3.8	32.7	23.3	27.9	31.9	25.7	28.5
8	5.2	5.3	5.2	5.2	32.5	23.6	28.1	32.0	26.1	28.7
9	5.9	5.6	5.1	5.5	32.3	23.8	27.9	31.8	26.3	28.7
10	4.9	4.9	4.6	4.8	32.3	23.3	27.8	31.6	26.5	28.6
11	54.9	54.8	55.2	55.0	33.1	23.3	28.1	32.2	26.7	29.0
12	5.3	5.1	5.0	5.1	32.8	25.1	28.2	29.6	26.2	28.0
13	5.1	5.0	4.6	4.9	32.3	23.4	27.2	31.8	25.7	28.2
14	4.9	4.4	3.7	4.3	32.2	22.9	28.1	31.4	25.6	28.4
15	4.4	4.2	4.4	4.3	32.0	23.3	27.3	30.9	25.4	27.9
16	54.8	54.4	54.5	54.6	32.1	23.3	28.1	30.9	25.6	28.2
17	4.4	4.5	5.3	4.7	32.5	23.3	27.4	31.2	25.7	28.1
18	6.6	6.6	6.5	6.6	32.0	22.3	28.4	32.0	25.4	28.6
19	6.3	5.7	5.4	5.8	32.2	22.7	27.5	31.7	25.7	28.3
20	4.9	5.2	5.0	5.0	32.3	23.9	27.4	31.8	25.9	28.4
21	55.0	54.8	54.9	54.9	32.2	22.9	27.3	31.8	26.0	28.4
22	5.6	5.2	4.9	5.2	32.1	23.1	26.8	31.6	25.9	28.1
23	5.8	5.3	5.0	5.4	32.4	24.2	27.8	32.2	26.1	28.7
24	4.2	3.7	3.0	3.6	33.1	25.5	27.3	32.3	26.8	28.8
25	2.4	2.1	2.3	2.3	33.2	25.4	28.1	32.3	27.1	29.2
26	52.7	53.1	52.2	52.7	32.8	24.4	27.7	32.2	26.4	28.8
27	2.2	2.0	2.7	2.3	32.3	24.1	28.8	31.6	26.0	28.8
28	6.5	4.2	5.0	5.2	33.0	24.0	28.1	32.7	26.9	29.2
29	5.4	5.5	5.9	5.6	33.7	23 8	27.9	33.4	26.7	29.3
30	6.3	5.9	5.9	6.0	33.5	23.6	28.6	33.1	26.5	29.4
31	5.4	5.4	5.0	5.3	32.9	24.1	27.3	31.8	26.3	28.5
	54.98	54.82	54.71	54.81	32.57	23.64	27.68	31.73	26.08	28.50

Barometer, range for month 752.0 — 758.1 mm.
,, 62-yr. average for month 755.54 mm.
Thermometer, range for month 22.3° C — 33.7° C.
,, 62-yr. average for month 27.92° C.
Rain, total for month 0.0 mm.
,, , 62-yr. average for month 0.51 mm.
,, , total, from Sept. 1st. 813.31 mm.
62-yr. average, total from Sept. 1st. 884.43 mm.
* Summer time

JULY 1944

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	18.3	20.4	20.3	19.7	68	58	82	69	13.2	459.0	
2	19.9	20.7	21.1	20.6	80	67	90	79	13.2	153.0	
3	19.8	20.7	20.3	20.3	76	62	82	73	13.3	129.0	
4	17.6	22.0	21.3	20.3	63	62	85	70	13.0	362.0	
5	20.5	21.3	21.4	21.1	75	60	82	72	12.3	563.0	
6	21.0	22.8	22.2	22.0	75	65	88	76	12.7	908.0	
7	18.4	19.5	18.1	18.7	65	55	74	65	13.1	618.0	
8	16.5	19.1	19.1	18.2	58	54	75	62	13.2	241.0	
9	18.4	19.2	20.5	19.4	65	54	80	66	13.1	394.0	
10	19.0	20.3	20.9	20.1	68	58	82	69	13.0	426.0	
11	20.7	21.9	22.0	21.5	74	61	85	73	13.3	721.0	
12	20.5	20.4	20.3	20.4	72	56	80	69	11.2	412.0	
13	16.2	17.2	17.2	16.9	60	48	70	59	10.6	386.0	
14	17.1	17.5	17.3	17.3	60	50	71	60	11.3	475.0	
15	17.1	17.9	16.4	17.1	63	53	68	61	13.0	496.0	
16	17.7	18.7	17.4	17.9	62	56	71	63	12.8	346.0	
17	17.4	18.6	18.3	18.1	65	55	74	65	12.7	676.0	
18	18.2	17.7	17.3	17.7	63	49	72	61	12.8	410.0	
19	17.1	18.7	18.3	18.0	62	54	74	63	12.7	423.0	
20	19.0	20.0	19.2	19.4	70	57	76	68	12.7	629.0	
21	18.9	19.4	19.0	19.1	71	56	76	68	12.7	523.0	
22	17.6	18.7	18.9	18.4	66	54	75	65	12.7	501.0	
23	19.9	18.5	20.3	19.6	72	52	81	68	12.8	418.0	
24	20.4	21.6	20.6	20.9	76	60	79	72	12.7	909.0	
25	20.8	23.3	22.7	22.3	74	63	86	74	11.8	1022.0	
26	20.2	20.6	18.8	19.9	74	58	73	68	11.6	805.0	
27	17.2	18.4	17.9	17.8	58	52	72	61	11.8	624.0	
28	17.8	21.8	20.9	20.2	62	59	79	67	11.8	467.0	
29	20.2	21.8	20.8	20.9	72	56	80	69	13.4	333.0	
30	18.9	19.8	19.7	19.5	64	52	77	64	12.6	375.0	
31	19.0	20.5	19.6	19.7	71	59	77	69	13.3	454.0	
	18.75	19.96	19.61	19.45	67.8	56.6	77.9	67.3	12.91	505.09	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

JULY 1944

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	2sw	2sw	1sw	calm	
2	1cu	0	0	0.3	0	1sw	0	„	
3	0	0	0	0.0	0	1ne	0	„	
4	0	0	0	0.0	1sw	1sw	1sw	„	H. a.m
5	0	1cu	0	0.3	1sw	1sw	1sw	„	W. at night
6	0	0	0	0.0	3sw	3sw	2sw	calm	
7	1cu	0	0	0.3	1sw	2sw	1sw	light	
8	0	0	0	0.0	1sw	1sw	0	„	
9	0	1cu	0	0.3	1sw	1sw	1sw	calm	
10	1cu	3cu	0	1.3	1sw	2sw	0	„	
11	0	0	0	0.0	1sw	2sw	1sw	calm	
12	0	0	1cu	0.3	2sw	1sw	0	„	
13	9cu	0	2cu	3.7	1sw	2sw	1sw	light	
14	9cu	0	2cu	3.7	1sw	2sw	1sw	calm	
15	6cu	1cu	0	2.3	1sw	2sw	1sw	light	
16	8cu	4cu	1cu	4.3	1sw	2sw	1sw	light	
17	1cu	1cu	0	0.7	2sw	2sw	2sw	„	
18	2cu	1cu	0	1.0	2sw	2sw	0	„	
19	0	4cu	0	1.3	2sw	2sw	1sw	„	
20	0	0	0	0.0	2sw	2sw	1sw	calm	
21	0	0	0	0.0	2sw	2sw	1sw	calm	
22	0	1cu	0	0.3	1sw	1sw	1sw	light	M. a. m.
23	1cu	0	0	0.3	1sw	1sw	0	calm	
24	0	1cu	0	0.3	2sw	2sw	2sw	„	
25	0	1cu	0	0.3	2sw	2sw	3sw	„	G.,& F. over mts. at night
26	0	0	1cu	0.3	3sw	2sw	3sw	light	W. at night
27	3cu	0	0	1.0	2sw	1sw	1sw	slight	
28	0	0	0	0.0	2sw	1sw	1sw	„	
29	0	2cu	0	0.7	1sw	2sw	0	light	
30	0	0	0	0.0	1sw	2sw	0	calm	
31	0	1cu	0	0.3	2sw	2sw	0	„	
				0.75					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	29	0	0	2	31
14:30	0	1	0	0	0	30	0	0	0	31
20:30	0	0	0	0	0	21	0	0	10	31
Totals	0	1	0	0	0	80	0	0	12	93

Number of days with rain 0, fog 1, thunderstorms 0, gale 1.

62 yr. av. days with rain during month 0.2 days